

February 19, 2015

#### VIA HAND DELIVERY AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

RE: Docket 4549 - Tariff Advice Filing to Amend RIPUC No. 2099, Net Metering Provision

Dear Ms. Massaro:

Pursuant to Rhode Island Public Utilities Commission (PUC) Rule 1.9, I enclose ten (10) copies of National Grid's<sup>1</sup> tariff advice filing to amend the Company's Net Metering Provision, RIPUC No. 2099 (Net Metering Provision). The proposed amendments to the Company's tariff are necessary to implement the amendments to RIGL Sections 39-26.4-2 and 39-26.4-3, which were enacted on July 8, 2014 and June 30, 2014, respectively.

Attached to this letter is a version of the proposed tariff that has been marked to show changes from the Net Metering Provision currently in effect, as well as a clean version of the proposed Net Metering Provision, reflecting those proposed revisions. The Company also encloses a draft notice that will be published in *The Providence Journal* to notify the public of the filing in accordance with PUC Rule 1.9(c)(2).

### **Background**

In effect since April 1, 2012, the Company's current Net Metering Provision contains the Company's policies regarding net metering of electricity from eligible net metering systems and policies that apply to any person that is a renewable self-generator. The Net Metering Provision was designed to reflect the requirements of the Net Metering Act, RIGL Section 39-26.4-1 *et seq.*, which was enacted on June 29, 2011, as a new comprehensive set of rules governing net metering in Rhode Island.

40 Sylvan Road, Waltham, MA 02451

<sup>&</sup>lt;sup>1</sup>The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

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### Revisions to Implement the Amendments to RIGL Sections 39-26.4-2 and 39-26.4-3

On June 30, 2014, as part of the "Act Relating to Public Utilities and Carriers – the Clean Energy Jobs Program", the Legislature amended Section 39-26.4-3 of the Net Metering Act as follows:

• Replacement of the provision that limited the aggregate amount of net metering in Rhode Island to three (3) percent of the peak load with a new provision that limits the amount of net metering in the Block Island Power Company and Pascoag Utility District to three (3) percent of peak load, thereby eliminating the cap on net metering installations for National Grid.

On July 8, 2014, the Legislature amended the definitions section of the Net Metering Act, including the following significant amendments:

- Addition of the term "Public Entity", which means the State of Rhode Island
  municipalities, wastewater treatment facilities, public transit agencies, or any water
  distributing plant, or system employed for the distribution of water to the
  consuming public within the State of Rhode Island including the water supply
  board of the City of Providence.
- In the case of net metering systems owned by, or operated on behalf of, a public entity through a net metering financing arrangement, expansion of the eligibility for net metering to the accounts of public entities.

### **Other Proposed Tariff Revisions**

The Company is proposing several other revisions to the Net Metering Provision which, although not necessary to implement the amendments to RIGL Sections 39-26.4-2 and 39-26.4-3, are appropriate to make at this time. These revisions are summarized below:

• Revisions to Section II.7 (Sheet 5) and Section IV.2 (Sheet 6) to reflect that customers who install eligible net metering systems with a nameplate capacity in excess of 25 kW must comply with the requirements of the New England Power Pool and the Independent System Operator New England, Inc. (ISO-NE) so that the systems' electric energy output can be sold into the ISO-NE administered markets. These revisions are necessary for consistency with the Company's proposed Renewable Energy Growth Program for Non-Residential Customers tariff (RIPUC No. 2152) (RE Growth Program Non-Residential Tariff)<sup>2</sup> and proposed revisions to its Standards for Connecting Distributed Generation tariff (RIPUC No. 2078) (Interconnection Tariff)<sup>3</sup>.

<sup>&</sup>lt;sup>2</sup> On November 14, 2014, the Company filed the proposed RE Growth Program Non-Residential Tariff with the PUC, which is currently pending in Docket No. 4536-A.

<sup>&</sup>lt;sup>3</sup> On January 15, 2015, the Company filed proposed revisions to its Interconnection Tariff with the PUC, which are currently pending in Docket No. 4483.

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- O The proposed RE Growth Program Non-Residential Tariff and the proposed Interconnection Tariff revisions require projects larger than 25 kW to have a bi-directional interval meter with communication capabilities installed to achieve automated reporting of the project's energy production to ISO-NE through its Market Settlement System, as required by ISO-NE Operating Procedure No. 18.
- Revisions to Schedule B to require that customers indicate the project's size in kilowatts, as well as the estimated annual generation to determine eligibility of the accounts for net metering, and to make it easier for public entity customers to indicate how net metering credits are allocated to multiple customer accounts.
- Clarification that Schedule B must be completed to determine eligibility of the accounts for net metering and, if any information contained in Schedule B subsequently changes, a revised Schedule B must be provided to the Company thirty (30) days prior to the effective date of any such change.
- At the end of Section II.7, clarification that the customer must provide the Company with all necessary information needed to set up any assets at ISO-NE prior to allowing net metering to ensure the Company receives revenue from the assets, which offsets the net metering value received by the customer, and which benefits all of the Company's customers.
- Non-substantive administrative revisions, including reordering some of the definitions and renumbering cross-references.

Thank you for your attention to this matter. If you have any questions regarding this filing, please contact me at (781) 907-2153.

Very truly yours,

Celia B. OBnen

Celia B. O'Brien

#### Enclosures

cc: Jon Hagopian, Esq., Division Steve Scialabba, Division Cynthia Wilson-Frias, Esq., PUC Todd Bianco, PUC Alan Nault, PUC

Sheet 1

# THE NARRAGANSETT ELECTRIC COMPANY NET METERING PROVISION

### I. <u>Definitions</u>

"Commission" shall mean the Rhode Island Public Utilities Commission.

"Company" shall mean The Narragansett Electric Company d/b/a National Grid.

"Commission" shall mean the Rhode Island Public Utilities Commission.

**"Eligible Net Metering Resource"** shall mean eligible renewable energy resource as defined in RIGL <u>SectionChapter</u> 39-26-5 including biogas created as a result of anaerobic digestion, but, specifically excluding all other listed eligible biomass fuels.

"Eligible Net Metering System" shall mean a facility generating electricity using an Eligible Net Metering Resource that is reasonably designed and sized to annually produce electricity in an amount that is equal to or less than the Renewable Self-generator's usage at the Eligible Net Metering System Site measured by the three (3) year average annual consumption of energy over the previous three (3) years at the electric distribution account(s) located at the Eligible Net Metering System Site. A projected annual consumption of energy may be used until the actual three (3) year average annual consumption of energy over the previous three (3) years at the electric delivery service account(s) located at the Eligible Net Metering System Site becomes available for use in determining eligibility of the generating system. Schedule B of this tariff is required to be filled out completely to determine eligibility of the above accounts. The Eligible Net Metering System must be owned by the same entity that is the customer of record on the Net Metered Accounts. Notwithstanding any other provisions of this tariffchapter, any Eligible Net Metering Resource: (i) owned by a municipality Public Entity or Multi-municipal Collaborative or (ii) owned and operated by a renewable generation developer on behalf of a municipality Public Entity or Multi-municipal Collaborative through a Municipal Public Entity Net Metering Financing Arrangement shall be treated as an Eligible Net Metering System and all municipal delivery service accounts designated by the municipalityPublic Entity or Multi-municipal Collaborative for net metering shall be treated as accounts eligible for net metering within an Eligible Net Metering System Site.

"Eligible Net Metering System Site" shall mean the site where the Eligible Net Metering System is located or is part of the same campus or complex of sites contiguous to one another and the site where the Eligible Net Metering System is located or a farm in which the Eligible Net Metering System is located. Except for an Eligible Net Metering System owned by or operated on behalf of a <a href="municipality Public Entity">municipality Public Entity</a> or <a href="municipal Public Entity Nnet Metering Ffinancing Aarrangement">Mmunicipal Public Entity Nnet Metering Ffinancing Aarrangement</a>, the purpose of this definition is to reasonably assure that energy generated by the Eligible Net Metering System is consumed by net metered electric delivery service account(s) that are actually located in the same geographical location as the Eligible Net Metering System. Except for an Eligible Net Metering System owned by or operated on behalf of a <a href="municipality-Public Entity">municipal Public Entity</a> or Multi-municipal Collaborative through a <a href="municipal-Public Entity">Municipal-Public Entity</a> Net Metering Financing Arrangement, all of the Net Metered Accounts at the Eligible Net Metering System Site must be the accounts of the same customer of record and customers are not permitted to enter into agreements or arrangements to

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change the name on accounts for the purpose of artificially expanding the Eligible Net Metering System Site to contiguous sites in an attempt to avoid this restriction. However, a property owner may change the nature of the metered service at the delivery service accounts at the site to be master metered (as allowed by applicable state law) in the owner's name, or become the customer of record for each of the delivery service accounts, provided that the owner becoming the customer of record actually owns the property at which the delivery service account is located. As long as the Net Metered Accounts meet the requirements set forth in this definition, there is no limit on the number of delivery service accounts that may be net metered within the Eligible Net Metering System Site. Schedule B of this tariff is required to be filled out completely to determine eligibility of the above accounts.

"Excess Renewable Net Metering Credit" shall mean a credit that applies to an Eligible Net Metering System for that portion of the Renewable Self-generator's production of electricity beyond one hundred percent (100%) and no greater than one hundred twenty-five percent (125%) of the Renewable Self-generator's own consumption at the Eeligible Net Metering System Site during the applicable billing period. Such Excess Renewable Net Metering Credit shall be equal to the Company's avoided cost rate, defined for this purpose as the Standard Offer Service kilowatt-hour (kWh) charge for the rate class and time-of-use billing period, if applicable, applicable to the delivery service account(s) at the Eligible Net Metering System Site. Where there are delivery service accounts at the Eligible Net Metering System Site in different rate classes, the Company may calculate the Excess Renewable Net Metering Credit based on the average of the Standard Offer Service rates applicable to those on-site delivery service accounts. The Company has the option to use the energy received from such excess generation to serve the Standard Offer Service load. The Commission shall have the authority to make determinations as to the applicability of this credit to specific generation facilities to the extent there is an uncertainty or disagreement.

**"Farm"** shall be defined in accordance with <u>RIGL S</u>section 44-27-2, except that all buildings associated with the <u>F</u>farm shall be eligible for Renewable Net Metering Credits and Excess Renewable Net Metering Credits as long as: (i) the buildings are owned by the same entity operating the <u>F</u>farm or persons associated with operating the <u>F</u>farm; and (ii) the buildings are on the same farmland as the project on either a tract of land contiguous with or reasonably proximate to such farmland or across a public way from such farmland.

**'ISO-NE'** shall mean **T**the Independent System Operator New England, <u>Inc.</u> established in accordance with the NEPOOL Agreement and applicable F<u>ederal Energy Regulatory</u> C<u>ommission</u> approvals, which is responsible for managing the bulk power generation and transmission systems in New England.

**"Multi-municipal Collaborative"** shall mean a group of towns and/or cities that enter into an agreement for the purpose of co-owning a renewable generation facility or entering into a <a href="Public Entity-Municipal">Public Entity-Municipal</a> Net Metering Financing Arrangement.

"Municipal Net Metering Financing Arrangement" shall mean arrangements entered into by a municipality or Multi-municipal Collaborative with a private entity to facilitate the financing and operation of a net metering resource, in which the private entity owns and operates an Eligible Net Metering Resource on behalf of a municipality or Multi-municipal Collaborative, where: (i) the Eligible Net Metering Resource is located on property owned or controlled by the

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municipality or one of the municipalities, as applicable, and (ii) the production from the Eligible Net Metering Resource and primary compensation paid by the municipality or Multi-municipal Collaborative to the private entity for such production is directly tied to the consumption of electricity occurring at the designated Net Metered Accounts.

"Municipality and towns and eities" shall mean any Rhode Island town or city, including any agency or instrumentality thereof, with the powers set forth in Ttitle 45 of the general laws.

"Net Metering" shall mean using electricity generated by an Eligible Net Metering System for the purpose of self-supplying power at the Eligible Net Metering System Site, and thereby offsetting consumption at the Eligible Net Metering System Site through the netting process established in this provision. "NEPOOL" shall mean New England Power Pool.

"Net Metered Accounts" shall mean one or more electric delivery service billing accounts owned by a single customer of record on the same campus or complex of sites contiguous to one another and the site where the Eligible Net Metering System is located or a Ffarm in which the Eligible Net Metering System is located, or all municipal delivery service accounts associated with an Eligible Net Metering System that is: (i) owned by a municipalityPublic Entity or Multimunicipal Collaborative or (ii) owned and operated by a renewable generation developer on behalf of a municipalityPublic Entity or Multi-municipal Collaborative through a Public Entitymunicipal Nnet Mmetering Ffinancing Aarrangement, provided that the Net Metering Customer or the municipalityPublic Entity or Multi-municipal Collaborative has submitted Schedule B (attached) with the individual billing account information for each Net Metered Account. Should there be a change to any of the information contained therein, it is the responsibility of the Net Metering Customer or the municipalityPublic Entity or Multi-municipal Collaborative to submit a revised Schedule B in order for the Company to determine eligibility for the accounts 30 days prior to making any such change should there be a change to any of the information contained therein

"Net Metering" shall mean using electricity generated by an Eligible Net Metering System for the purpose of self-supplying power at the Eligible Net Metering System Site and thereby offsetting consumption at the Eligible Net Metering System Site through the netting process established in this provision.

"Net Metering Customer" shall mean a customer of the Company receiving and being billed for electric delivery service whose delivery account(s) are being net metered.

**"Person"** shall mean an individual, firm, corporation, associations, partnership, farm, town or city of the State of Rhode Island, Multi-municipal Collaborative, or the State of Rhode Island or any department of the state government, governmental agency or public instrumentality of the state.

**"Project"** shall mean a distinct installation of an Eligible Net Metering System. An installation will be considered distinct if it is installed in a different location, or at a different time, or involves a different type of renewable energy.

"Public Entity" means the State of Rhode Island, Municipalities, wastewater treatment facilities, public transit agencies or any water distributing plant or system employed for the

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distribution of water to the consuming public within the State of Rhode Island including the water supply board of the City of Providence.

"Public Entity Net Metering Financing Arrangement" shall mean arrangements entered into by a Public Entity or Multi-municipal Collaborative with a private entity to facilitate the financing and operation of a Net Metering resource, in which the private entity owns and operates an Eligible Net Metering Resource on behalf of a Public Entity or Multi-municipal Collaborative, where: (i) the Eligible Net Metering Resource is located on property owned or controlled by the Public Entity or one of the Municipalities, as applicable, and (ii) the production from the Eligible Net Metering Resource and primary compensation paid by the Public Entity or Multi-municipal Collaborative to the private entity for such production is directly tied to the consumption of electricity occurring at the designated Net Metered Accounts.

"Renewable Net Metering Credit" shall mean a credit that applies to an Eligible Net Metering System up to one hundred percent (100%) of the Renewable Self-generator's usage at the Eligible Net Metering System Site over the applicable billing period. This credit shall be equal to the total kilowatt-hours of electricity generated and consumed on-site during the billing period multiplied by the sum of the:

- (i) Standard Offer Service kilowatt-hour charge for the rate class applicable to the net metering customer;
- (ii) Distribution kilowatt-hour charge;
- (iii) Transmission kilowatt-hour charge; and
- (iv) Transition kilowatt-hour charge.

"Renewable Self-generator" shall mean an electric delivery service customer who installs or arranges for an installation of renewable generation that is primarily designed to produce electricity for consumption by that same customer at its delivery service account(s).

### II. <u>Terms and Conditions</u>

The following policies regarding Net Metering of electricity from Eligible Net Metering Systems and regarding any Person that is a Renewable Self-generator shall apply:

- 1. The maximum allowable capacity for Eligible Net Metering Systems, based on name plate capacity, shall be five megawatts (5 MW).
- 2.The aggregate amount of Net Metering in Rhode Island shall not exceed three percent (3%) of peak load, provided that at least two megawatts (2 MW) are reserved for Projects of less than fifty kilowatts (50 kW).
- 3.2. For ease of administering Net Metered Accounts and stabilizing Net Metered Account bills, the Company may elect (but is not required) to estimate for any twelve (12) month period i) the production from the Eligible Net Metering System and ii) aggregate consumption of the Net Metered Accounts at the Eligible Net Metering System Site and establish a monthly billing plan that reflects the expected Renewable Generation Credits and Excess Renewable Generation Credits that would be applied to the Net Metered Accounts over twelve (12) months. The billing plan would be designed to even out monthly billings over twelve (12) months, regardless of actual production and usage. If such election is made by the Company, the Company would reconcile payments and

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credits under the billing plan to actual production and consumption at the end of the twelve (12) month period and apply any credits or charges to the Net Metered Accounts for any positive or negative difference, as applicable. Should there be a material change in circumstances at the Eligible Net Metering System Site or associated Net Metered Accounts during the twelve (12) month period, the estimate and credits may be adjusted by the Company during the reconciliation period. The Company also may elect (but is not required) to issue checks to any Net Metering Customer in lieu of billing credits or carry forward credits or charges to the next billing period. For residential Eligible Net Metering Systems twenty-five kilowatts (25) kW) or smaller, the Company, at its option, may administer Renewable Net Metering Credits month to month allowing unused credits to carry forward into following billing period.

- 4.3. If the electricity generated by an Eligible Net Metering System during a billing period is equal to or less than the Net Metering Customer's usage during the billing period for Net Metered Accounts at the Eligible Net Metering System Site, the customer shall receive Renewable Net Metering Credits, which shall be applied to offset the Net Metering Customer's usage on Net Metered Accounts at the Eligible Net Metering System Site.
- 5.4. If the electricity generated by an Eligible Net Metering System during a billing period is greater than the Net Metering Customer's usage on Net Metered Accounts at the Eeligible Net Metering System Site during the billing period, the customer shall be paid by Excess Renewable Net Metering Credits for the excess electricity generated beyond the Net Metering Customer's usage at the Eligible Net Metering System Site up to an additional twenty-five percent (25%) of the Renewable Self-generator's consumption during the billing period; unless the Company and Net Metering Customer have agreed to a billing plan pursuant to Section II.23.
- 6.5. As a condition to receiving Renewable Generation Credits or Excess Renewable Generation Credits pursuant to this provision, customers who install Eligible Net Metering Systems must enter into an interconnection agreement and comply with the Company's Standards for Connecting Distributed Generation, as amended and superseded from time to time.
- 7.6. Customers eligible to receive Renewable Net Metering Credits or Excess Renewable Net Metering Credits pursuant to Sections II.34 and II.45, respectively, shall be required to complete Schedule B, attached hereto as Appendix A.
- 8.7. As a condition to receiving any payments pursuant to this provision, cCustomers who install Eligible Net Metering Systems with a nameplate capacity in excess of 2560 kW must comply with any and all applicable New England Power Pool ("NEPOOL") and ISO-NE rules, requirements, or information requests that are necessary for the Eligible Net Metering System's electric energy output to be sold into the ISO-NE administered markets. If the Company must provide to NEPOOL or ISO-NE any information regarding the operation, output, or any other data in order to sell the output of the Eligible Net Metering System into the ISO-NE administered markets, the customer who installs an Eligible Net Metering System must provide such information to the Company prior to the project being authorized to operate in parallel with the Company's electric distribution systemin a timely manner.

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9.8. NEPOOL and ISO-NE have the authority to impose fines, penalties, and/or sanctions on participants if it is determined that a participant is violating established rules in certain instances. Accordingly, to the extent that a fine, penalty, and/or sanction is levied by NEPOOL or the ISO-NE as a result of the Owner of the Eligible Net Metering System's failure to comply with a NEPOOL or ISO-NE rule, requirement or information request, the Eligible Net Metering System will be responsible for the costs incurred by the Company, if any, associated with such fine, penalty and/or sanction.

# III. Rates for Distribution Service to Eligible Net Metering System and Net Metered Accounts

- 1. Retail delivery service by the Company to the Eligible Net Metering System and Net Metered Accounts shall be governed by the tariffs, rates, terms, conditions, and policies for retail delivery service which are on file with the Commission.
- 2. The Standard Offer Service and retail delivery rates applicable to any Net Metered Account shall be the same as those that apply to the rate classification that would be applicable to such delivery service account in the absence of Net Metering, including customer and demand charges, and no other charges may be imposed to offset Net Metering Ceredits.
- Net Metered Accounts associated with an Eligible Net Metering System shall be exempt from backup service rates commensurate with the size of the Eligible Net Metering System.

### **IV.** Cost Recovery

- 1. Any prudent and reasonable costs incurred by the Company pursuant to achieving compliance with RIGL Section 39-26.2-3(a) and the annual amount to any Renewable Net Metering Credits or Excess Renewable Net Metering Credits provided to Eligible Net Metering Systems, shall be aggregated by the Company and billed to all distribution customers on an annual basis through a uniform per kilowatt hour (kWh) Net Metering Charge embedded in the distribution component of the rates reflected on customer bills.
- 2. The Company will include the energy market payments received from ISO-NE for the electricity generated by Eligible Net Metering Systems in the Company's annual reconciliation of the Net Metering Charge. Eligible Net Metering Systems with a nameplate capacity in excess of 2560 kWs shall provide all necessary information to, and cooperate with, the Company to enable the Company to obtain the appropriate asset identification for reporting generation to ISO-NE. The Company will report all exported power to the ISO-NE as a settlement only generator and net this reported usage and associated payment received against the annual amount of Standard Offer Service component of any Reenewable Net Metering Ceredits or Eexcess Reenewable Net Metering Ceredits provided to accounts associated with Eeligible Net Metering Systems.

Effective: April 1, 20122015

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THE NARRAGAN:	SETT ELECTRIC COMPANY  NET METERING PROVISION
APPENDIX A Schedule B	
	EQUIRED FOR APPLICATION OF RENEWABLE NET METERING CESS RENEWABLE NET METERING CREDITS
Date:	
Net Metering Custo	mer ("NMC"):
NMC Address:	
Estimated annual ge	eneration in kWhs of Eligible NetMetering System
Net Metered Account	n <del>t(s)</del>
The following information	mation must be provided for each individual Net Metered Account:
Name: Entitymunicipal or ! the NMC.)	(Except in the case of a <u>Public</u> Multi-municipal Collaborative, the customer of record must be the same as
Service Address:	
National Grid Accor	ant number:
Three (3) years aver	rage kWh usage for this account
	s average kWh usage for all accounts listed B – Additional Information Required for Net Metering Service
	THE NARRAGANSETT ELECTRIC COMPANY NET-METERING APPLICATION OF CREDITS
Customer Name:	
Account Number:	
Facility Address:	
City:	State: RI Zip Code:

### **Marked to Show Changes**

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The Agreement is between	, a Net-Metered Customer
	pany (the "Company") for application of credits
earned through net-metering from the NMC lo	
Rhode Island.	
applicable retail delivery tariffs and the Terms on file with the Rhode Island Public Utilities of amended, or revised by the Company, and to prequired under such tariff and policies.	provisions of the Net-Metering Provision, the s and Conditions for Distribution Service that are Commission as currently in effect or as modified, pay any metering and interconnection costs
A.) NMC Address:	
	<del></del>
Nameplate rating (AC) of the Eligible Net Me	
Estimated annual generation in kWhs of Eligi	ble Net-Metering System kWhs
Net Metered Account(s)	
The following information must be provided to proposed Eligible Net Metering site:	or each individual Net Metered Account in a
Name:	(Except in the case of a Public Entity or
Multi-municipal Collaborative, the customer	<del></del>
<u>f</u>	<u> </u>
Service Address:	
National Grid Account number:	
Three (3) years average kWh usage for this ac	count
Total three (3) years average kWh usage for a	ll accounts listed as an Eligible Net Metering Site
Once this information is received, the Compartor net metering.	ny will determine if the accounts listed are eligible
B.) For any Billing Period in which the NMC the Distribution Company will apply them	earns Net Metering Credits, please indicate how

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Apply all of the Net Metering Credits to the account of the NMC (skip Items C and D below)
Allocate all the Net Metering Credits to the accounts of eligible Customers (please
fill out C and D below)
Both apply a portion of the Net Metering Credits to the NMC's account and allocate a portion to the accounts of eligible Customers (please fill out C and D below)
The Company will notify the NMC within 30 days of the Company's receipt of Schedule B whether it will allocate or purchase Net Metering Credits. If the Company elects to purchase Net Metering Credits, the Company will render payment by issuing a check to the NMC each Billing Period, unless otherwise agreed in writing by the NMC and Company. If the Company elects to allocate Net Metering Credits, the NMC must complete Item C and submit the revised Schedule B to the Company.
C.) Please state the total percentage of Net Metering Credits to be allocated.
% Amount of the Net Metering Credit being allocated.
The total amount of Net Metering Credits being allocated shall not exceed 100%. Any remaining percentage will be applied to the NMC's account.
Please identify each eligible Customer account to which the NMC is allocating Net Metering Credits by providing the following information (attach additional pages as needed):  NOTE: If a designated Customer account closes, the allocated percentage will revert to the NMC's account, unless otherwise mutually agreed in writing by the NMC and the Company.
Name:
Billing Address:
Account number: Amount of the Net Metering Credit:
Name: Billing Address:
Account number:
Amount of the Net Metering Credit:%
Name:
Billing Address: Account number:
Amount of the Net Metering Credit: %
Name:
Billing Address:
Account number: Amount of the Net Metering Credit:%

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Name:
Billing Address:
Account number:
Amount of the Net Metering Credit: %
Name:
Billing Address:
Account number:
Amount of the Net Metering Credit: %
Name:
Billing Address:
Account number:
Amount of the Net Metering Credit: %
1 Miles I de l'ide Metering Credit. //
Name:
Billing Address:
Account number:
Amount of the Net Metering Credit:%
Name
Name:
Billing Address:
Account number:
Amount of the Net Metering Credit: %
Name:
Billing Address:
Account number:
Amount of the Net Metering Credit:%
Name:
Billing Address:
Account number:
Amount of the Net Metering Credit: %
D.) The terms of this Schedule B shall remain in effect unless and until the NMC executes a
revised Schedule B and submits it to the Company. Unless otherwise required herein or
mutually agreed to in writing by the NMC and the Company, a revised Schedule B shall not
be submitted more than once in any given calendar year.
E.) A signature on the application shall constitute certification that (1) the NMC has read the

application and knows its contents; (2) the contents are true as stated, to the best knowledge and belief of the NMC; and (3) the NMC possesses full power and authority to sign the

application.

#### **Marked to Show Changes**

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### **Notice**

Execution of this agreement will cancel any previous agreement for the net-metered account under the Net-Metering Provision.

The Company or NMC may terminate this agreement on thirty (30) days written notice, which includes a statement of reasons for such termination. In addition, the NMC must re-file this

agreement annually. Agreed and Accepted – Please sign [NAME OF NMC] Date: By:\_ Name: Title: The Narragansett Electric Company Date: d/b/a National Grid By:\_ Name: Title:

# THE NARRAGANSETT ELECTRIC COMPANY NET METERING PROVISION

### I. <u>Definitions</u>

"Commission" shall mean the Rhode Island Public Utilities Commission.

"Company" shall mean The Narragansett Electric Company d/b/a National Grid.

**"Eligible Net Metering Resource"** shall mean eligible renewable energy resource as defined in RIGL Section 39-26-5 including biogas created as a result of anaerobic digestion, but, specifically excluding all other listed eligible biomass fuels.

"Eligible Net Metering System" shall mean a facility generating electricity using an Eligible Net Metering Resource that is reasonably designed and sized to annually produce electricity in an amount that is equal to or less than the Renewable Self-generator's usage at the Eligible Net Metering System Site measured by the three (3) year average annual consumption of energy over the previous three (3) years at the electric distribution account(s) located at the Eligible Net Metering System Site. A projected annual consumption of energy may be used until the actual three (3) year average annual consumption of energy over the previous three (3) years at the electric delivery service account(s) located at the Eligible Net Metering System Site becomes available for use in determining eligibility of the generating system. Schedule B of this tariff is required to be filled out completely to determine eligibility of the above accounts. The Eligible Net Metering System must be owned by the same entity that is the customer of record on the Net Metered Accounts. Notwithstanding any other provisions of this tariff, any Eligible Net Metering Resource: (i) owned by a Public Entity or Multi-municipal Collaborative or (ii) owned and operated by a renewable generation developer on behalf of a Public Entity or Multimunicipal Collaborative through a Public Entity Net Metering Financing Arrangement shall be treated as an Eligible Net Metering System and all delivery service accounts designated by the Public Entity or Multi-municipal Collaborative for net metering shall be treated as accounts eligible for net metering within an Eligible Net Metering System Site.

"Eligible Net Metering System Site" shall mean the site where the Eligible Net Metering System is located or is part of the same campus or complex of sites contiguous to one another and the site where the Eligible Net Metering System is located or a farm in which the Eligible Net Metering System is located. Except for an Eligible Net Metering System owned by or operated on behalf of a Public Entity or Multi-municipal Collaborative through a Public Entity Net Metering Financing Arrangement, the purpose of this definition is to reasonably assure that energy generated by the Eligible Net Metering System is consumed by net metered electric delivery service account(s) that are actually located in the same geographical location as the Eligible Net Metering System. Except for an Eligible Net Metering System owned by or operated on behalf of a Public Entity or Multi-municipal Collaborative through a Public Entity Net Metering Financing Arrangement, all of the Net Metered Accounts at the Eligible Net Metering System Site must be the accounts of the same customer of record and customers are not permitted to enter into agreements or arrangements to change the name on accounts for the purpose of artificially expanding the Eligible Net Metering System Site to contiguous sites in an attempt to avoid this restriction. However, a property owner may change the nature of the

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metered service at the delivery service accounts at the site to be master metered (as allowed by applicable state law) in the owner's name, or become the customer of record for each of the delivery service accounts, provided that the owner becoming the customer of record actually owns the property at which the delivery service account is located. As long as the Net Metered Accounts meet the requirements set forth in this definition, there is no limit on the number of delivery service accounts that may be net metered within the Eligible Net Metering System Site. Schedule B of this tariff is required to be filled out completely to determine eligibility of the above accounts.

- "Excess Renewable Net Metering Credit" shall mean a credit that applies to an Eligible Net Metering System for that portion of the Renewable Self-generator's production of electricity beyond one hundred percent (100%) and no greater than one hundred twenty-five percent (125%) of the Renewable Self-generator's own consumption at the Eligible Net Metering System Site during the applicable billing period. Such Excess Renewable Net Metering Credit shall be equal to the Company's avoided cost rate, defined for this purpose as the Standard Offer Service kilowatt-hour (kWh) charge for the rate class and time-of-use billing period, if applicable, applicable to the delivery service account(s) at the Eligible Net Metering System Site. Where there are delivery service accounts at the Eligible Net Metering System Site in different rate classes, the Company may calculate the Excess Renewable Net Metering Credit based on the average of the Standard Offer Service rates applicable to those on-site delivery service accounts. The Company has the option to use the energy received from such excess generation to serve the Standard Offer Service load. The Commission shall have the authority to make determinations as to the applicability of this credit to specific generation facilities to the extent there is an uncertainty or disagreement.
- **'Farm'**' shall be defined in accordance with RIGL Section 44-27-2, except that all buildings associated with the Farm shall be eligible for Renewable Net Metering Credits and Excess Renewable Net Metering Credits as long as: (i) the buildings are owned by the same entity operating the Farm or persons associated with operating the Farm; and (ii) the buildings are on the same farmland as the project on either a tract of land contiguous with or reasonably proximate to such farmland or across a public way from such farmland.
- **"ISO-NE"** shall mean the Independent System Operator New England, Inc. established in accordance with the NEPOOL Agreement and applicable Federal Energy Regulatory Commission approvals, which is responsible for managing the bulk power generation and transmission systems in New England.
- "Multi-municipal Collaborative" shall mean a group of towns and/or cities that enter into an agreement for the purpose of co-owning a renewable generation facility or entering into a Public Entity Net Metering Financing Arrangement.
- **"Municipality"** shall mean any Rhode Island town or city, including any agency or instrumentality thereof, with the powers set forth in Title 45 of the general laws.
- "NEPOOL" shall mean New England Power Pool.
- "Net Metered Accounts" shall mean one or more electric delivery service accounts owned by a single customer of record on the same campus or complex of sites contiguous to one another and

the site where the Eligible Net Metering System is located or a Farm in which the Eligible Net Metering System is located, or all municipal delivery service accounts associated with an Eligible Net Metering System that is: (i) owned by a Public Entity or Multi-municipal Collaborative or (ii) owned and operated by a renewable generation developer on behalf of a Public Entity or Multi-municipal Collaborative through a Public Entity Net Metering Financing Arrangement, provided that the Net Metering Customer or the Public Entity or Multi-municipal Collaborative has submitted Schedule B (attached) with the individual billing account information for each Net Metered Account. Should there be a change to any of the information contained therein, it is the responsibility of the Net Metering Customer or the Public Entity or Multi-municipal Collaborative to submit a revised Schedule B in order for the Company to determine eligibility for the accounts 30 days prior to making any such change.

- "Net Metering" shall mean using electricity generated by an Eligible Net Metering System for the purpose of self-supplying power at the Eligible Net Metering System Site and thereby offsetting consumption at the Eligible Net Metering System Site through the netting process established in this provision.
- "Net Metering Customer" shall mean a customer of the Company receiving and being billed for electric delivery service whose delivery account(s) are being net metered.
- **"Person"** shall mean an individual, firm, corporation, association, partnership, farm, town or city of the State of Rhode Island, Multi-municipal Collaborative, or the State of Rhode Island or any department of the state government, governmental agency or public instrumentality of the state.
- **'Project'** shall mean a distinct installation of an Eligible Net Metering System. An installation will be considered distinct if it is installed in a different location, or at a different time, or involves a different type of renewable energy.
- **'Public Entity'** means the State of Rhode Island, Municipalities, wastewater treatment facilities, public transit agencies or any water distributing plant or system employed for the distribution of water to the consuming public within the State of Rhode Island including the water supply board of the City of Providence.
- "Public Entity Net Metering Financing Arrangement" shall mean arrangements entered into by a Public Entity or Multi-municipal Collaborative with a private entity to facilitate the financing and operation of a Net Metering resource, in which the private entity owns and operates an Eligible Net Metering Resource on behalf of a Public Entity or Multi-municipal Collaborative, where: (i) the Eligible Net Metering Resource is located on property owned or controlled by the Public Entity or one of the Municipalities, as applicable, and (ii) the production from the Eligible Net Metering Resource and primary compensation paid by the Public Entity or Multi-municipal Collaborative to the private entity for such production is directly tied to the consumption of electricity occurring at the designated Net Metered Accounts.
- **"Renewable Net Metering Credit"** shall mean a credit that applies to an Eligible Net Metering System up to one hundred percent (100%) of the Renewable Self-generator's usage at the Eligible Net Metering System Site over the applicable billing period. This credit shall be equal to the total kilowatt-hours of electricity generated and consumed on-site during the billing period multiplied by the sum of the:

- (i) Standard Offer Service kilowatt-hour charge for the rate class applicable to the net metering customer;
- (ii) Distribution kilowatt-hour charge;
- (iii) Transmission kilowatt-hour charge; and
- (iv) Transition kilowatt-hour charge.

"Renewable Self-generator" shall mean an electric delivery service customer who installs or arranges for an installation of renewable generation that is primarily designed to produce electricity for consumption by that same customer at its delivery service account(s).

### II. <u>Terms and Conditions</u>

The following policies regarding Net Metering of electricity from Eligible Net Metering Systems and regarding any Person that is a Renewable Self-generator shall apply:

- 1. The maximum allowable capacity for Eligible Net Metering Systems, based on name plate capacity, shall be five megawatts (5 MW).
- 2. For ease of administering Net Metered Accounts and stabilizing Net Metered Account bills, the Company may elect (but is not required) to estimate for any twelve (12) month period i) the production from the Eligible Net Metering System and ii) aggregate consumption of the Net Metered Accounts at the Eligible Net Metering System Site and establish a monthly billing plan that reflects the expected Renewable Generation Credits and Excess Renewable Generation Credits that would be applied to the Net Metered Accounts over twelve (12) months. The billing plan would be designed to even out monthly billings over twelve (12) months, regardless of actual production and usage. If such election is made by the Company, the Company would reconcile payments and credits under the billing plan to actual production and consumption at the end of the twelve (12) month period and apply any credits or charges to the Net Metered Accounts for any positive or negative difference, as applicable. Should there be a material change in circumstances at the Eligible Net Metering System Site or associated Net Metered Accounts during the twelve (12) month period, the estimate and credits may be adjusted by the Company during the reconciliation period. The Company also may elect (but is not required) to issue checks to any Net Metering Customer in lieu of billing credits or carry forward credits or charges to the next billing period. For residential Eligible Net Metering Systems twenty-five kilowatts (25 kW) or smaller, the Company, at its option, may administer Renewable Net Metering Credits month to month allowing unused credits to carry forward into following billing period.
- 3. If the electricity generated by an Eligible Net Metering System during a billing period is equal to or less than the Net Metering Customer's usage during the billing period for Net Metered Accounts at the Eligible Net Metering System Site, the customer shall receive Renewable Net Metering Credits, which shall be applied to offset the Net Metering Customer's usage on Net Metered Accounts at the Eligible Net Metering System Site.

- 4. If the electricity generated by an Eligible Net Metering System during a billing period is greater than the Net Metering Customer's usage on Net Metered Accounts at the Eligible Net Metering System Site during the billing period, the customer shall be paid by Excess Renewable Net Metering Credits for the excess electricity generated beyond the Net Metering Customer's usage at the Eligible Net Metering System Site up to an additional twenty-five percent (25%) of the Renewable Self-generator's consumption during the billing period; unless the Company and Net Metering Customer have agreed to a billing plan pursuant to Section II.2.
- 5. As a condition to receiving Renewable Generation Credits or Excess Renewable Generation Credits pursuant to this provision, customers who install Eligible Net Metering Systems must enter into an interconnection agreement and comply with the Company's Standards for Connecting Distributed Generation, as amended and superseded from time to time.
- 6. Customers eligible to receive Renewable Net Metering Credits or Excess Renewable Net Metering Credits pursuant to Sections II.3 and II.4, respectively, shall be required to complete Schedule B.
- 7. As a condition to receiving any payments pursuant to this provision, customers who install Eligible Net Metering Systems with a nameplate capacity in excess of 25 kW must comply with any and all applicable NEPOOL and ISO-NE rules, requirements, or information requests that are necessary for the Eligible Net Metering System's electric energy output to be sold into the ISO-NE administered markets. If the Company must provide to NEPOOL or ISO-NE any information regarding the operation, output, or any other data in order to sell the output of the Eligible Net Metering System into the ISO-NE administered markets, the customer who installs an Eligible Net Metering System must provide such information to the Company prior to the project being authorized to operate in parallel with the Company's electric distribution system.
- 8. NEPOOL and ISO-NE have the authority to impose fines, penalties, and/or sanctions on participants if it is determined that a participant is violating established rules in certain instances. Accordingly, to the extent that a fine, penalty, and/or sanction is levied by NEPOOL or the ISO-NE as a result of the Owner of the Eligible Net Metering System's failure to comply with a NEPOOL or ISO-NE rule, requirement or information request, the Eligible Net Metering System will be responsible for the costs incurred by the Company, if any, associated with such fine, penalty and/or sanction.

# III. Rates for Distribution Service to Eligible Net Metering System and Net Metered Accounts

1. Retail delivery service by the Company to the Eligible Net Metering System and Net Metered Accounts shall be governed by the tariffs, rates, terms, conditions, and policies for retail delivery service which are on file with the Commission.

- 2. The Standard Offer Service and retail delivery rates applicable to any Net Metered Account shall be the same as those that apply to the rate classification that would be applicable to such delivery service account in the absence of Net Metering, including customer and demand charges, and no other charges may be imposed to offset Net Metering Credits.
- 3. Net Metered Accounts associated with an Eligible Net Metering System shall be exempt from backup service rates commensurate with the size of the Eligible Net Metering System.

### IV. Cost Recovery

- 1. Any prudent and reasonable costs incurred by the Company pursuant to achieving compliance with RIGL Section 39-26.2-3(a) and the annual amount of any Renewable Net Metering Credits or Excess Renewable Net Metering Credits provided to Eligible Net Metering Systems, shall be aggregated by the Company and billed to all distribution customers on an annual basis through a uniform per kilowatt hour (kWh) Net Metering Charge embedded in the distribution component of the rates reflected on customer bills.
- 2. The Company will include the energy market payments received from ISO-NE for the electricity generated by Eligible Net Metering Systems in the Company's annual reconciliation of the Net Metering Charge. Eligible Net Metering Systems with a nameplate capacity in excess of 25 kW shall provide all necessary information to, and cooperate with, the Company to enable the Company to obtain the appropriate asset identification for reporting generation to ISO-NE. The Company will report all exported power to the ISO-NE as a settlement only generator and net this reported usage and associated payment received against the annual amount of Standard Offer Service component of any Renewable Net Metering Credits or Excess Renewable Net Metering Credits provided to accounts associated with Eligible Net Metering Systems.

Effective: April 1, 2015

## Schedule B – Additional Information Required for Net Metering Service

# THE NARRAGANSETT ELECTRIC COMPANY NET-METERING APPLICATION OF CREDITS

Customer Name:				
Account Number:				
Facility Address:				
City:		State: RI	Zip Code:	
("NMC") and The N	ent is between larragansett Electric C metering from the NM	company (the "Con	mpany") for app	olication of credits
applicable retail deli on file with the Rhoo	grees to comply with the very tariffs and the Tede Island Public Utilities by the Company, and tariff and policies.	erms and Conditionies Commission as	ns for Distributi s currently in ef	on Service that are fect or as modified,
A.) NMC Address:				
	.C) of the Eligible Net neration in kWhs of E	Metering System		
Net Metered Accour	nt(s)			
The following information proposed Eligible No.	mation must be provide et Metering site:	ed for each indivi	dual Net Metere	ed Account in a
Name: Multi-municipal Col	llaborative, the custom	(Excep	t in the case of a be the same as	a Public Entity or the NMC)
Service Address:				
National Grid Accou	ant number:			
Three (3) years average	age kWh usage for thi	s account		
Total three (3) years	average kWh usage fo	or all accounts list	ed as an Eligibl	e Net Metering Site

Once this information is received, the Company will determine if the accounts listed are eligible for net metering.

B.) For any Billing Period in which the NMC earns Net Metering Credits, please indicate how the Distribution Company will apply them:
<ul><li>Apply all of the Net Metering Credits to the account of the NMC (skip Items C and D below)</li></ul>
Allocate all the Net Metering Credits to the accounts of eligible Customers (please fill out C and D below)
☐ Both apply a portion of the Net Metering Credits to the NMC's account and allocate a portion to the accounts of eligible Customers (please fill out C and D below)
The Company will notify the NMC within 30 days of the Company's receipt of Schedule B whether it will allocate or purchase Net Metering Credits. If the Company elects to purchase Net Metering Credits, the Company will render payment by issuing a check to the NMC each Billing Period, unless otherwise agreed in writing by the NMC and Company. If the Company elects to allocate Net Metering Credits, the NMC must complete Item C and submit the revised Schedule B to the Company.
C.) Please state the total percentage of Net Metering Credits to be allocated.
% Amount of the Net Metering Credit being allocated.
The total amount of Net Metering Credits being allocated shall not exceed 100%. Any remaining percentage will be applied to the NMC's account.
Please identify each eligible Customer account to which the NMC is allocating Net Metering Credits by providing the following information (attach additional pages as needed):
NOTE: If a designated Customer account closes, the allocated percentage will revert to the NMC's account, unless otherwise mutually agreed in writing by the NMC and the Company.
Name: Billing Address: Account number: Amount of the Net Metering Credit:%
Name: Billing Address: Account number:
Amount of the Net Metering Credit:%
Name: Billing Address: Account number:

Amount of the Net Metering Credit: \_\_\_\_\_%

### **Clean Version**

Name:

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Billing Address: Account number: Amount of the Net Metering Credit:%
Name: Billing Address: Account number: Amount of the Net Metering Credit:%
Name: Billing Address: Account number: Amount of the Net Metering Credit:%
Name: Billing Address: Account number: Amount of the Net Metering Credit:%
Name: Billing Address: Account number: Amount of the Net Metering Credit:%
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Name: Billing Address: Account number: Amount of the Net Metering Credit:%
Name: Billing Address: Account number: Amount of the Net Metering Credit:%
D.) The terms of this Schedule B shall remain in effect unless and until the NMC executes a revised Schedule B and submits it to the Company. Unless otherwise required herein or mutually agreed to in writing by the NMC and the Company, a revised Schedule B shall not be submitted more than once in any given calendar year.

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E.) A signature on the application shall constitute certification that (1) the NMC has read the application and knows its contents; (2) the contents are true as stated, to the best knowledge and belief of the NMC; and (3) the NMC possesses full power and authority to sign the application.

### **Notice**

Execution of this agreement will cancel any previous agreement for the net-metered account under the Net-Metering Provision.

The Company or NMC may terminate this agreement on thirty (30) days written notice, which includes a statement of reasons for such termination. In addition, the NMC must re-file this agreement annually.

Agreed and Accepted - Please sign

[NAME OF NMC]	Date:
By:	
Name: Title:	
The Narragansett Electric Company d/b/a National Grid	Date:
By:	
Name: Title:	

#### DRAFT

# Legal Notice of National Grid Tariff Advice Filing To Amend the Net Metering Provision, RIPUC No. 2099 RIPUC Docket No. 4549

On February 19, 2015, National Grid (National Grid or the Company) submitted to the Rhode Island Public Utilities Commission (PUC) its tariff advice filing to amend the Company's Net Metering Provision, RIPUC No. 2099 (Net Metering Provision). This filing was made pursuant to PUC Rule 1.9. The proposed revisions to the Company's tariff are necessary to implement the recently enacted amendments to Sections 39-26.4-2 and 39-26.4-3 of the General Laws.

The Company is proposing an effective date of April 1, 2015. The filing has been docketed as RIPUC Docket No. 4549. A copy of the filing is on file for examination at National Grid, 280 Melrose Street, Providence, Rhode Island and at the office of the Rhode Island Public Utilities Commission, 89 Jefferson Boulevard, Warwick, Rhode Island. The filing is also available on the PUC's website at: <a href="http://www.ripuc.org/eventsactions/docket/4549page.html">http://www.ripuc.org/eventsactions/docket/4549page.html</a>

National Grid